

DC-9

BULLETIN 25-259

SERVICE BULLETIN
REVISION TRANSMITTAL SHEET

EQUIPMENT/FURNISHINGS - Lavatories - Modify Lavatory Waste Container Assembly and Door Hinge.

This page transmits Revision 1 for DC-9 Service Bulletin 25-259 to incorporate the following changes:

NOTE: This revision constitutes a complete reissue.

Reason for Revision: To reidentify fire retardant material used due to supersedure of item part number by vender.

No additional work is required by this revision for aircraft modified per prior issue of this Service Bulletin.

Pages 1 Added paragraph heading 1.A.(1)(a).
thru 8: Added paragraph 1.A.(1)(b).

Deleted operator codes AS, BQ, BX, CA, FL, IW, NI, OC, OD, OZ, RC, VA, VE, YJP, YLL, ZKA, ZNX, ZN3, ZS8, ZTI, ZBV, XWH, ZYO, and 2C.

Added operator codes FP, JP, NW, RS, UAS, XLL, XYX, YUZ, ZKL, ZK8, ZOR, ZWX, ZXT, Z3Y, Z5F, and Z8H.

Revised Service Bulletin Effectivity to reflect current operators of affected aircraft.

Page 14: Revised work steps 8 and 15.

Changed part number of Fire Retardant Coating to Z-40, was 1701. (Incorporation of Service Bulletin Change Notification 25-259 CN1 dated August 29/86.)

Page 18: Revised work step 11.

Changed part number of Fire Retardant Coating to Z-40, was 1701. (Incorporation of Service Bulletin Change Notification 25-259 CN1 dated August 29/86.)

Page 19: Revised work step 18.

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DOUGLAS AIRCRAFT COMPANY

Page 22: Changed dimension in View C.

Page 24: Changed Unit Net Prices to reflect current pricing.

Deleted 4914565-11 Hinge Assembly from paragraph 3.A.(1).

Added DPM 2215 to Scotch 425 Tape.

Added 4914565-11 Hinge Assembly and Supplier to paragraph 3.A.(2).

Changed part number of Fire Retardant coating to Z-40, was 1701.
(Incorporation of Service Bulletin Change Notification 25-259 CN1
dated August 29/86.)

NOTE: Service Bulletin 25-259 Summary has been revised to incorporate the
intent of this revision.

OJH
GJH

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P.O. Box 1771
Long Beach, CA
90801

REFERENCE
BULLETIN 25-259

SERVICE BULLETIN SUMMARY

NOTE: This summary is for information only and is not FAA approved for modification of aircraft.

SUBJECT: EQUIPMENT/FURNISHINGS -
Lavatories - Modify Lavatory
Waste Container Assembly and
Door Hinge.

NOTE

Service Bulletin 25-259 is applicable only to aircraft equipped with lavatory washstand assemblies.

Operator to determine group for applicable aircraft configuration.

Group I - Aircraft equipped with aft right lavatory.

Group II - Aircraft equipped with aft left and right lavatories.

Group III - Aircraft equipped with forward lavatory and aft right lavatory.

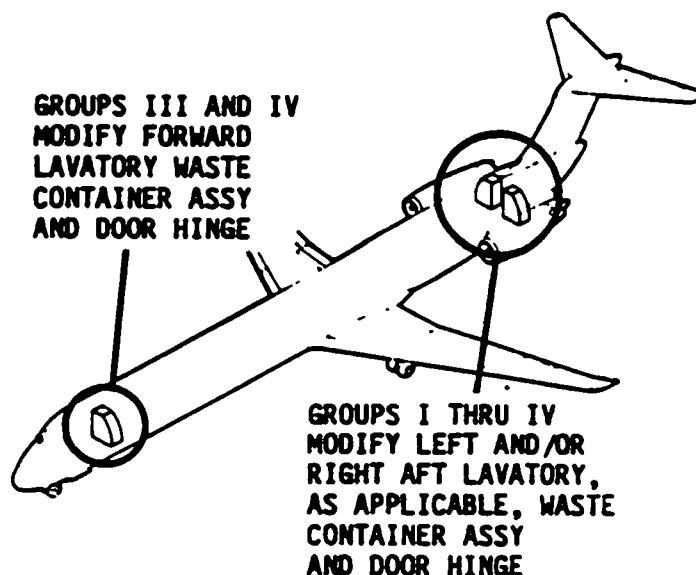
Group IV - Aircraft equipped with forward lavatory and aft left and right lavatories.

ANALYSIS: One operator reported gaps around the cleanout door and difficulty in sealing the upper chute area due to trash door interference. In addition, cracks were reported in the top surface and door hinge areas of the lavatory towel waste container. These conditions were found on aircraft having logged less than 400 flight-hours and can affect the fire containment capability of the waste container.

MODIFICATION DESCRIPTION: Accomplishes the following on the forward and/or aft lavatories, as applicable:

Groups I and II - Aft Lavatories -
(1) Trims waste container cleanout door opening.(2) Forms lower edge of cleanout door.(3) Adds extension to waste container chute.(4) Replaces upper towel waste door hinge half.
(5) Applies heat retardant coating to waste container.

Groups III and IV - Forward Lavatory -
(1) Trims waste container cleanout door opening.(2) Forms lower edge of cleanout door.(3) Replaces upper towel waste door hinge half.(4) Applies heat retardant coating to waste container.
(5) Accomplishes the work outlined under Groups I and II.



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Incorporation of this modification will improve the service life of the lavatory towel waste container and provide improved container sealing capability to enhance fire containment.

EFFECTIVITY: DC-9, Series 10, 20, 30, 40, 50, C-9, DC-9-81 and -82 (MD-81 and MD-82) aircraft. (See Service Bulletin 25-259 for detailed Effectivity.)

COMPLIANCE: Recommended. To be accomplished at operator's convenience.

MANPOWER:

	Man Hours	
	<u>Fwd Lav</u>	<u>Aft Lav</u>
Total Man-Hours	4.1	6.5
Total Elapsed Hours	2.5	4.0

MATERIAL INFORMATION: All Groups -
One new hinge assembly is required per lavatory and one new chute is required per aft lavatory and are to be purchased from DAC as end item spares. At operator's option - Existing chute may be modified and reidentified. Remaining parts and material are to be procured from operator's stock or supplier.

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EQUIPMENT/FURNISHINGS - Lavatories - Modify Lavatory Waste Container Assembly and Door Hinge.

NOTE

This Service Bulletin is applicable only to aircraft equipped with lavatory washstand assemblies.

Operator to determine group for applicable aircraft configuration.

Group I - Aircraft equipped with aft right lavatory.

Group II - Aircraft equipped with aft left and right lavatories.

Group III - Aircraft equipped with forward lavatory and aft right lavatory.

Group IV - Aircraft equipped with forward lavatory and aft left and right lavatories.

1. Planning Information:

A. Effectivity:

(1) Aircraft Affected:

DC-9, Series 10, 20, 30, 40, 50, C-9, MD-81, and MD-82

(a) Operator and Aircraft Number:

<u>Operator</u>	<u>Factory Serial No.</u>	<u>Operator</u>	<u>Factory Serial No.</u>
AA	49145 49155 49158 and 49159 49161 thru 49163 49167 and 49168 49171 thru 49179	AC (cont)	47021 and 47022 47024 47069 thru 47071 47195 47198 and 47199 47265 and 47266 47289 and 47290 47292 thru 47294
AC	45845 47019		

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Operator</u>	<u>Factory Serial No.</u>
AC (cont)	47340 thru 47342 47348 thru 47350 47353 and 47354 47422 47485 47546 47554 47557 47560 47592 47598 47611	AM (cont)	47356 47394 47594 47602 47607 47609 47650 48067 thru 48069 48083 48125 thru 48130 48150 and 48151 49149
AL	45868 47026 47050 thru 47054 47057 and 47058 47066 47099 47130 47146 47188 and 47189 47207 thru 47210 47212 47216 47310 47332 47334 thru 47336 47351 and 47352 47371 thru 47375 47420 and 47421 47429 47505 thru 47508 47564 47574 47576 47583 47588 47590 47593 48114 thru 48120 48131 48138 thru 48147 48154 thru 48159	AO	47076 47080 47091 and 47092 47455 47556 47637 47640 47642 thru 47644 47675 47678 47702 47704 47706 and 47707 48103 thru 48106
		AU	48024 and 48025 48046 48050
		AY	47044 47604 thru 47606 47613 and 47614 47694 thru 47696 47736 thru 47738 47771 thru 47773 48134 thru 48136 49150 thru 49152
		AZ	47038 and 47039 47046 and 47047 47101 47128 and 47129 47222 thru 47224 47226 47228 47231 47233 thru 47236 47238 47283
AM	45785 47006 47059 47085 47106 47122 and 47123 47125 thru 47127		

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AZ (cont)	47311 47339 47502	CO (cont)	48073 and 48074 48111 thru 48113 49102 49114 49116 thru 49118
BD	45712 and 45713 45719 45738 and 45739 47048 47430 47468 47570 47648	DL	47176 and 47177 47257 thru 47262 47273 thru 47278 47284 and 47285 47317 thru 47323 47358 and 47359 47377 thru 47379 47443 thru 47445
BM	47225 47229 and 47230 47232 47237 47432 thru 47435 47437 and 47438 47518 and 47519 47533 47544 47553 47575 47591 47641 47653	EA	45733 and 45734 45833 thru 45840 45863 thru 45867 45869 45871 thru 45876 47036 47074 47098 47119 thru 47121 47140 thru 47143 47157 47161 47165 thru 47167 47181 47184 47186 and 47187 47214 and 47215 47217 47268 thru 47272 47327 thru 47331 47399 47401 thru 47403 47665 47676 and 47677 47679 47682 and 47683 47685 and 47686 47688 and 47689 47692 and 47693 47728 47731 thru 47733 47745 and 47746
BW	47742 and 47743 47796 48122		
CO	45714 thru 45716 45726 45735 and 45736 45742 and 45743 45786 45791 45843 and 45844 45847 47110 47218 47281 47521 47524 47535 47765 47788 47797 thru 47799 48027 48044 and 48045 48062 and 48063		

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Operator</u>	<u>Factory Serial No.</u>
EA (cont)	47749 47751 47753	IB	47037 47079 47084 47088 thru 47090 47093 47312 thru 47314 47364 and 47365 47368 47428 47446 and 47447 47452 thru 47454 47456 47461 47496 47504 47522 47542 and 47543 47545 47565
EZ	47220 47355		
FP	45702		
GA	47385 and 47386 47481 47561 47569 47601 47635 and 47636 47701 47722 47730 47740 and 47741 47744 47789 thru 47795	IG	47713 thru 47715
GB	45717 45728 47002 47008 and 47009 47040 47072 47147 and 47148 47203 47291 47363 47380 and 47381 47384 47418 47426 and 47427 47462 47465	II	47408
		JD	47608 47612 47615 and 47616 47619 and 47620 47759 thru 47762 47767 and 47768 47780 and 47781 48029 thru 48033 48070 thru 48072
		JK	45695 45795 45841 and 45842 47043
GH	47755	JP	47239 47392 47530 47697 47754 48048 48087
HA	45730 47013 47045 47204 47654 47662 and 47663 47763 and 47764 48051 48058	JU	47425 47460 47470

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JU (cont)	47472	NW	45701
	47532		45703 thru 45705
	47562 and 47563		45707 thru 45709
	47567 and 47568		45723
	47571		45729
	47582		45744 thru 45749
KL	45720		45770
	47131 thru 47133		45787
	47168 thru 47170		45825
	47190		45827
	47193 and 47194		45829 thru 45832
	47279		47016 thru 47018
	47514		47031
	48132 and 48133		47042
KQ	47478		47049
			47063 and 47064
LM	47666		47073
	49123 and 49124		47078
LV			47083
	47000		47097
	47703		47103
	47705		47138 and 47139
	47712		47144 and 47145
	47719 thru 47721		47149 and 47150
	47727		47155 and 47156
	47770		47158
	47782		47160
			47162 thru 47164
MC			47171
	47651 and 47652		47175
	47659 thru 47661		47182 and 47183
	47726		47185
	47735		47205 and 47206
	47756		47244
	48056 and 48057		47246 and 47247
	49120 thru 49122		47252 thru 47256
	49125		47263 and 47264
ML			47280
	45710		47337 and 47338
	45737		47346 and 47347
	45741		47362
	45776		47369 and 47370
	45778 thru 45781		47376
	45783 and 45784		47382
	47005		47389 thru 47391
	47007		47404 thru 47406
	47102		47415 thru 47417
	47104 and 47105		47439 and 47440
	47202		47450
	47527		47459
	47547 thru 47549		47469
			47473

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NW (cont)	47517	PS (cont)	48034 thru 48043
	47566		48049
	47572 and 47573		48052 and 48053
	47647		48092 thru 48099
	47664		49119
	47708 thru 47710	RS	49138 and 49139
	47716 thru 47718		
	47724		45721 and 45722
	47729		
	47739	SI	48079 and 48080
	47757 and 47758		49103 and 49104
	47769		49126
	47774 thru 47776		
	47785 thru 47787	SK	47114 thru 47117
	48054 and 48055		47178 thru 47180
	48086		47286 thru 47288
	48088 thru 48091		47301 thru 47303
	48100 thru 48102		47305 thru 47308
	48107 thru 48110		47360 and 47361
	48121		47395 and 47396
	48148 and 48149		47413 and 47414
	49110		47464
NY	45788 and 45789		47492 thru 47494
	45792 and 45793		47497 thru 47499
	47067		47509 thru 47513
	47094		47596 and 47597
	47111 thru 47113		47599
	47219		47610
	47315 and 47316		47623 thru 47634
	47423 and 47424		47646
	47487		47725
	47490		47747 and 47748
	47520		47750
	47531		47766
	47539		47777 thru 47779
	47638	SR	45790
	48066		47282
	49112 and 49113		47383
	49127		47480
OS	48015 thru 48021		47523
	48059		47655 thru 47658
PS	45846	TK	47783 and 47784
	47020		48002 thru 48014
	47023		49100
	47068		
	48026		45774
	48028		47397
			47442
			47451

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Operator</u>	<u>Factory Serial No.</u>
TK (cont)	47488 and 47489 47534 47674 47723	XZD	45826 47011 47152
TN	47419 47528 47550 thru 47552	YA	45732
TW	45772 and 45773 45798 and 45799 47001 47027 thru 47030 47033 47035 47082 47095 and 47096 47107 thru 47109 47134 thru 47137 47172 thru 47174 47248 thru 47251 47324 47343 thru 47345 47357 47409 47411 and 47412 47491 47589 47603 47617 and 47618 47669 47711 47734 48123 and 48124 49153 and 49154 49156 and 49157 49160 49165 and 49166 49169 and 49170	YMP	48022 49144
		YUZ	47191
		ZAF	47241 and 47242 47295 47297 thru 47300 47366 and 47367 47448 and 47449 47467 47471 47475 47495 47536 thru 47538 47540 and 47541 47668 47670 and 47671
		ZBM	47087
		ZCA	47061
		ZCP	47151
		ZDF	47458 47484 47555 47559
		ZER	45698 and 45699 47010 47015 47060
		ZGM	45782
		ZGU	45740 47600
		ZH4	45731
UAS	47192		
XLL	47672 and 47673 47680		
XYX	45696 45711 45718 45725 45727		

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<u>Operator</u>	<u>Factory Serial No.</u>	<u>Operator</u>	<u>Factory Serial No.</u>
ZIB	47326	ZNV	47687
ZIG	47595	(cont)	47698 thru 47700
	47600		48137
			48165 and 48166
ZKG	47690 and 47691	ZOR	45828
ZKL	47154		47012
ZK8	47201		47014
ZNV	47003 and 47004		47055
	47041		47062
	47065		47086
	47221		47153
	47325	ZRS	47240
	47410		
	47431	ZWX	45797
	47474		
	47476 and 47477	ZXT	47309
	47577 and 47578		
	47580 and 47581	Z3Y	47436
	47584 thru 47587		
	47639	Z5F	45775
	47681		
	47684	Z8H	47752
			45706

(b) Other Aircraft:

Factory Serial No.

47501
47526
48000

NOTE: Aircraft listed under Other Aircraft are affected by this Service Bulletin but were not assigned to any specific operator at time of Service Bulletin issue.

This modification will be incorporated prior to delivery on all applicable DC-9, Series MD-80 aircraft, manufacturer's fuselage numbers 909, 1064, 1092 thru 1095, 1124, and subsequent.

(2) Spares Affected:

<u>Spare Part No.</u>	<u>Key Word</u>
5920937-503	Container Assembly

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B. Reason:

One operator reported gaps around the cleanout door and difficulty in sealing the upper chute area due to trash door interference. In addition, cracks were reported in the top surface and door hinge areas of the lavatory towel waste container. These conditions were found on aircraft having logged less than 400 flight-hours and can affect the fire containment capability of the waste container. This modification trims the container opening at the cleanout door, replaces the upper towel waste door hinge half and installs an extension to the aft lavatory waste chute. Accomplishment of this modification will improve the service life of the lavatory towel waste container and provide improved container sealing capability to enhance fire containment.

C. Description:

This modification accomplishes the following on the forward and/or aft lavatories, as applicable:

Groups I and II

Aft Lavatories

- (1) Trims waste container cleanout door opening.
- (2) Forms lower edge of cleanout door.
- (3) Adds extension to waste container chute.
- (4) Replaces upper towel waste door hinge half.
- (5) Applies heat retardant coating to waste container.

Groups III and IV

Forward Lavatory

- (1) Trims waste container cleanout door opening.
- (2) Forms lower edge of cleanout door.
- (3) Replaces upper towel waste door hinge half.
- (4) Applies heat retardant coating to waste container.

Aft Lavatory

- (5) Accomplishes the work outlined under Groups I and II.

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D. Compliance:

Recommended. To be accomplished at operator's convenience.

E. Approval:

The resultant modification described in paragraph 1.C has been shown to comply with the applicable Federal Aviation Regulations and is FAA approved for the affected aircraft listed in paragraph 1.A.

F. Manpower:

This modification may be accomplished in the following approximate man-hours or elapsed hours per lavatory.

NOTE: Man-hours are estimated based on work to be performed by skilled personnel on aircraft/unit which has been placed in a maintenance status. The man-hour/elapsed time estimates do not include:

1. Preparation for the modification: Examples; defueling, purging, placing work stands, opening standard access doors, obtaining tools, and jacking when not essential to the modification.
2. Nonproductive elapsed time: Examples; sealant or adhesive cure time, cleaning, paint drying time, lunch and/or rest periods, and quality assurance inspections.
3. Administrative functions: Examples; planning, engineering liaison, parts requisition, shift change coordination, and report writing.

Operators should take the above into consideration when scheduling this modification.

NOTE: For operator who elects to modify existing chute, man-hours do not include time for fabrication of extension.

<u>Work Phases</u>	<u>Man-Hours</u>	
	<u>Fwd Lav</u>	<u>Aft Lav</u>
Remove	0.3	0.3
Modify (Bench)	0.9	2.0
Modify (Aircraft)	2.5	3.0
Install	<u>0.4</u>	<u>1.0</u>
Total Man-Hours	4.1	6.5
Total Elapsed Hours	2.5	4.0

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G. Material - Cost and Availability:

(1) Aircraft:

Parts required to accomplish this modification are listed in paragraph 3.A and are to be procured as indicated. Parts with unit net prices are proprietary parts and must be purchased as end item spares from the Douglas Aircraft Company under the spare parts article of the purchase agreement. Unit net prices are subject to change by current pricing policies. Parts will be available in approximately 150 days after receipt of purchase order.

The purchase order must specify this Service Bulletin number and only parts listed herein. Direct purchase order to:

Douglas Aircraft Company
P.O. Box 1771
Long Beach, California 90801
Attn: Parts Sales - Commercial 54-50
(DC-9 Service Bulletin 25-259)

(2) Spares:

None.

H. Tooling - Price and Availability:

None.

I. Weight and Balance:

This modification will increase the weight of the aircraft as follows:

GROUP	SERIES AIRCRAFT	APPROXIMATE STATION LOCATION OF WEIGHT INCREASE	MFR'S EMPTY WEIGHT (MEW) INCREASE LBS	MOMENT CHANGE (MEW) IN.-LBS	INDEX UNIT CHANGE (MEW)
I		0.0	0.0	0.0	0.0
II	10, 20	824.0	+1.0	824.0	+0.2
	30, C-9	1003.0	+1.0	1003.0	+0.3
	40	1079.0	+1.0	1079.0	+0.3
	50	1174.0	+1.0	1174.0	+0.4
	80	1345.0	+1.0	1345.0	+0.4
III	10, 20	525.0	+1.0	525.0	-0.1
	30, C-9	615.0	+1.0	615.0	-0.1
	40	653.0	+1.0	653.0	-0.1
	50	700.0	+1.0	700.0	-0.1
	80	786.0	+1.0	786.0	-0.1
IV	10, 20	625.0	+1.0	625.0	+0.0
	30, C-9	743.0	+1.0	743.0	+0.0
	40	795.0	+1.0	795.0	+0.1
	50	858.0	+1.0	858.0	+0.1
	80	972.0	+1.0	972.0	+0.1

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J. References:

Data used in preparation of this Service Bulletin:

<u>Data Identification</u>	<u>Change</u>	<u>Type of Data</u>
DPM 5164		Douglas Process Material
4914565	D	Drawing
4954969	New, A thru D	Advance E.O.
5919130	BE	Drawing
5919130	BF and BG	Advance E.O.
5920937	J	Drawing
5930670	K	Drawing
5930670	S	Advance E.O.
5930671	AJ	Drawing
5956509	V	Drawing
5956509	W and Y	Advance E.O.

K. Publications Affected:

The modification outlined in this Service Bulletin affects the following DAC DC-9 aircraft publications:

<u>Publication</u>	<u>Chapter and/or Section</u>
Illustrated Parts Catalog	25-40
Weight and Balance Charts	

**DOUGLAS AIRCRAFT COMPANY
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2. Accomplishment Instructions:

WARNING: TO AVOID INJURY TO PERSONNEL OR DAMAGE TO EQUIPMENT, MAKE CERTAIN ADEQUATE PRECAUTIONS ARE TAKEN WHILE PERFORMING ANY WORK IF ELECTRICAL POWER IS APPLIED TO THE AIRCRAFT.

CAUTION: ELECTRICALLY GROUND THE AIRCRAFT.

All Groups, Except as Noted

- A. Groups III and IV - Modify forward lavatory waste container and door as shown on Figure 1.
- B. Modify aft lavatory waste container, chute, and door as shown on Figure 2.

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GROUPS III AND IV

- ① LOOSEN CLAMP AND DISCONNECT FLEXIBLE HOSE FROM CONDITIONED AIR OUTLET ON DOOR ASSEMBLY.
- ② REMOVE AND RETAIN 5914557-(ANY CONFIGURATION) DOOR ASSEMBLY AND ATTACHING PARTS.
- ③ REMOVE AND RETAIN 5920937-(ANY CONFIGURATION) CONTAINER ASSEMBLY AND ATTACHING PARTS.
- ④ SCRIBE STRAIGHT LINE 7.00 (177.8) INCHES DOWN FROM INTERSECTION BETWEEN 5920937-5 LID AND -19 CONTAINER.
- ⑤ REMOVE MATERIAL TO SCRIBED LINE.

NOTE: REMOVE A MINIMUM OF MATERIAL
TO ALLOW A STRAIGHT SURFACE.

- ⑥ REMOVE ANY ROUGHNESS ALONG BOTTOM EDGE OF OPENING IN 5920937-19 CONTAINER AND BLEND INTO VERTICAL STRAIGHT EDGE.
- ⑦ BEND LOWER 1.00 (25.4) INCH OF 5920937-11 DOOR TO FIT OPENING ALONG BOTTOM OF 5920937-19 CONTAINER. GAP BETWEEN DOOR AND CONTAINER NOT TO EXCEED .030 (.76) INCH.
- ⑧ APPLY A COAT OF Z-40 FIRE RETARDANT COATING TO INSIDE SURFACES AND REMORKED SURFACES OF CONTAINER ASSEMBLY. IF INSTALLED, MASK OFF FIRE EXTINGUISHER TUBES.
- ⑨ REIDENTIFY MODIFIED 5920937-503 CONTAINER ASSEMBLY AS FOLLOWS:

NOTE: PRIOR CONFIGURATIONS MAY BE
REIDENTIFIED BY ADDING QUOTED
CHANGE LETTER AFTER DASH NUMBER.

<u>OLD PART NO.</u>	<u>KEY WORD</u>	<u>NEW PART NO.</u>
5920937-503	CONTAINER ASSY	5920937-505
OR		OR
5920937-501	CONTAINER ASSY	5920937-501 "J"
OR		OR
5920937-1	CONTAINER ASSY	5920937-1 "J"

- ⑩ REMOVE AND RETAIN S224504259-320 HINGE PIN, S133509-12 SPRING, AND 4914565-1 DOOR ASSEMBLY.
- ⑪ REMOVE 4914565-5 HINGE FROM RETAINED DOOR ASSEMBLY. SCRAPE OFF ANY ADHESIVE FROM DOOR ASSEMBLY.
- ⑫ POSITION NEW 4914565-11 HINGE ASSEMBLY ON RETAINED DOOR ASSEMBLY AND DRILL TWO .193/.208-INCH DIAMETER HOLES THROUGH DOOR ASSEMBLY USING ATTACHMENT HOLES IN HINGE ASSEMBLY AS GUIDES.
- ⑬ REIDENTIFY MODIFIED 4914565-1 DOOR ASSEMBLY AS 4914565-501.
- ⑭ INSTALL MODIFIED 5920937-(ANY CONFIGURATION) CONTAINER ASSEMBLY USING RETAINED ATTACHING PARTS.
- ⑮ SEAL EXPOSED INTERIOR SURFACES OF CHUTE AND THREE INCHES DOWN THROAT OF CONTAINER ASSEMBLY USING SCOTCH 425 TAPE.
- ⑯ INSTALL NEW 4914565-11 HINGE ASSEMBLY, RETAINED S224504259-320 HINGE PIN, AND S133509-12 SPRING ON 4914565-7 HINGE.
- ⑰ INSTALL MODIFIED 4914565-501 DOOR ASSEMBLY USING TWO MS27039C0806 SCREWS.
- ⑱ INSTALL RETAINED 5914557-(ANY CONFIGURATION) DOOR ASSEMBLY AND ATTACHING PARTS.
- ⑲ CONNECT FLEXIBLE HOSE TO CONDITIONED AIR OUTLET.

FORWARD LAVATORY WASTE CONTAINER - MODIFICATION

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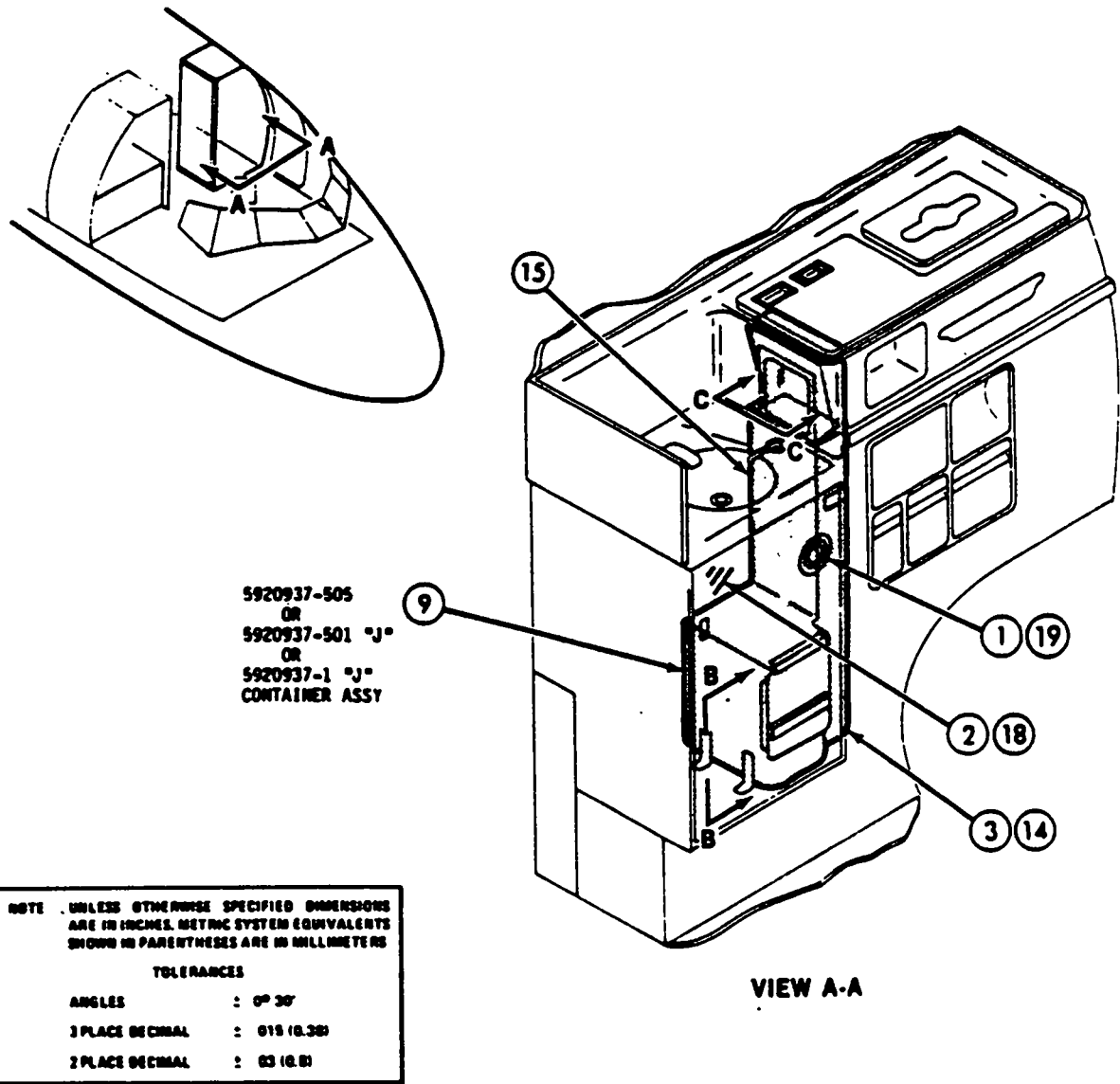
FIGURE 1 (SHEET 1 OF 4)

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FORWARD LAVATORY WASTE CONTAINER - MODIFICATION

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FIGURE 1 (SHEET 2 OF 4)

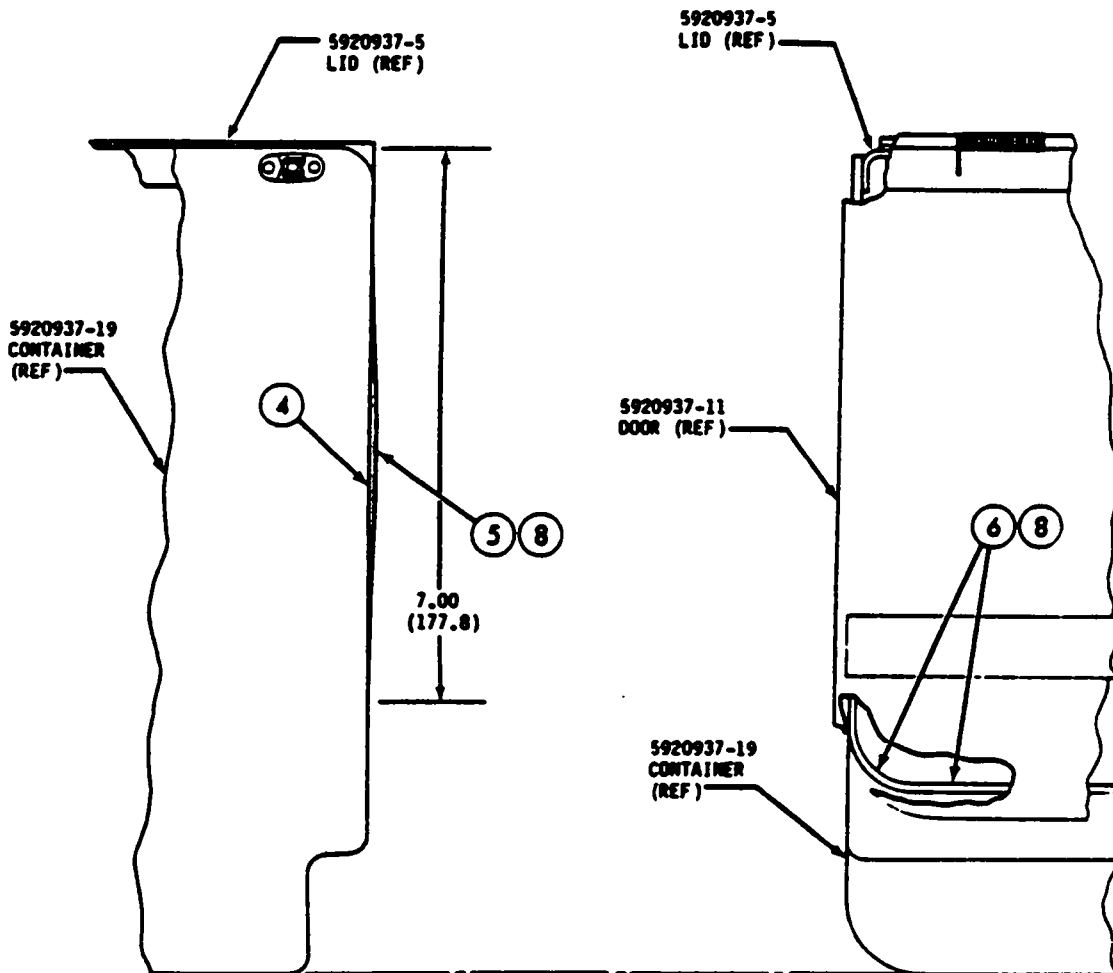
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FORWARD LAVATORY WASTE CONTAINER - MODIFICATION

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FIGURE 1 (SHEET 3 OF 4)

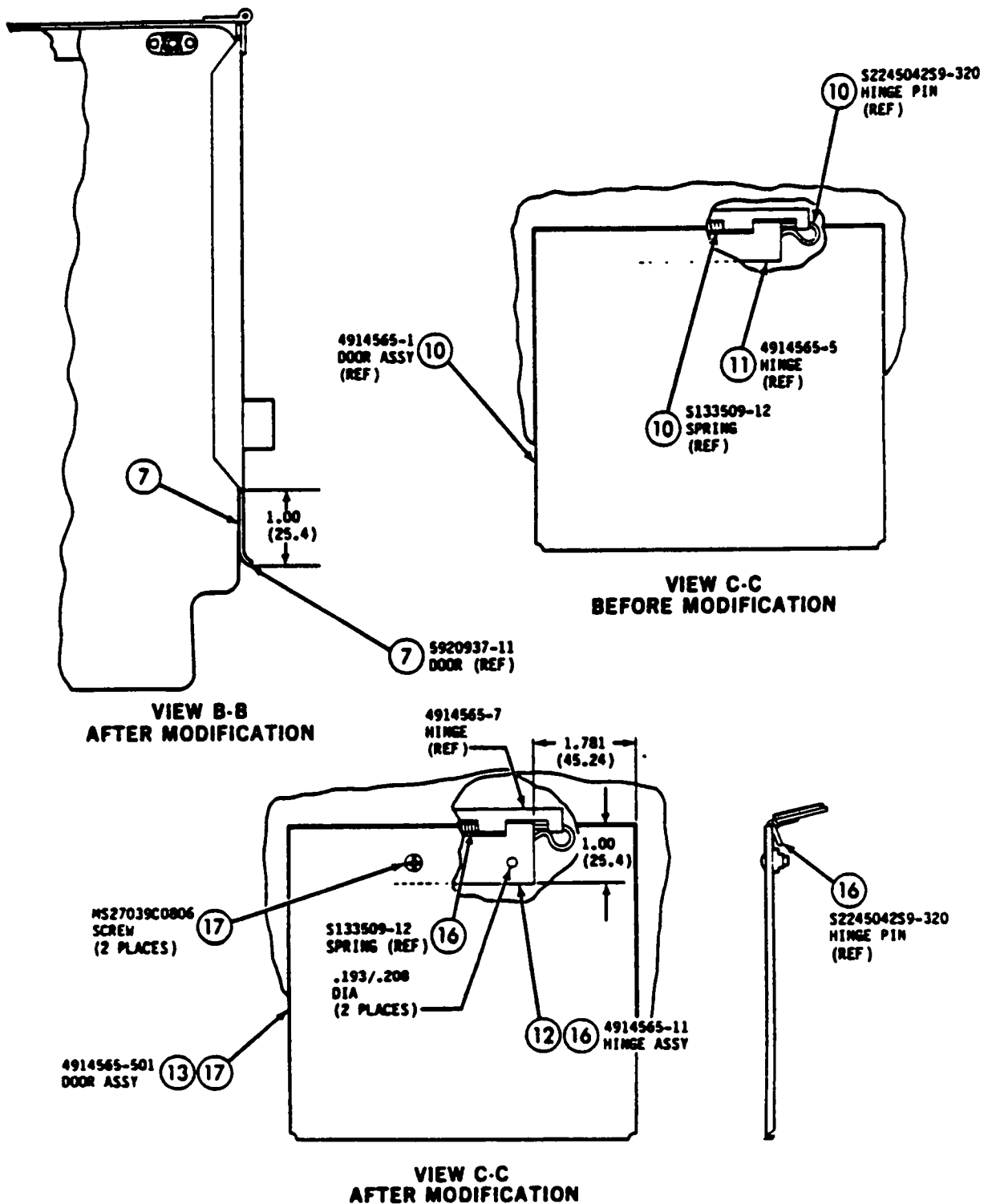
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FIGURE 1 (SHEET 4 OF 4)

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ALL GROUPS

NOTE: THE FOLLOWING INSTRUCTIONS ARE
TYPICAL FOR LEFT AND RIGHT AFT
LAVATORY WASTE CONTAINERS.

- ① LOOSEN CLAMP AND DISCONNECT FLEXIBLE HOSE FROM CONDITIONED AIR OUTLET ON DOOR ASSEMBLY.
- ② REMOVE AND RETAIN 5914557-(ANY CONFIGURATION) DOOR ASSEMBLY AND ATTACHING PARTS.
- ③ REMOVE AND RETAIN 5956509-(ANY CONFIGURATION) CONTAINER ASSEMBLY AND ATTACHING PARTS.
- ④ SCRIBE STRAIGHT LINE 8.50 (215.9) INCHES DOWN FROM INTERSECTION BETWEEN 5956509-27 COVER AND -25 CONTAINER.
- ⑤ REMOVE MATERIAL TO SCRIBED LINE.

NOTE: REMOVE A MINIMUM OF MATERIAL
TO ALLOW A STRAIGHT SURFACE.

- ⑥ REMOVE ANY ROUGHNESS ALONG BOTTOM EDGE OF OPENING IN 5956509-25 CONTAINER AND BLEND INTO VERTICAL STRAIGHT EDGE.
- ⑦ BEND LOWER 1.25 (31.8) INCH OF 5956509-17 DOOR TO FIT OPENING ALONG BOTTOM OF 5956509-25 CONTAINER. GAP BETWEEN DOOR AND CONTAINER NOT TO EXCEED .030 (.76) INCH.
- ⑧ REMOVE 5919130-13 LEFT SIDE (-14 RIGHT SIDE) CHUTE. RETAIN ATTACHING PARTS. RETAIN CHUTE IF OPERATOR ELECTS TO MODIFY CHUTE.
- ⑨ INSTALL NEW 5919130-21 LEFT SIDE (-22 RIGHT SIDE) CHUTE USING RETAINED ATTACHING PARTS.

OR

- ⑩ FABRICATE AND INSTALL 5919130-BF3 LEFT SIDE (-BF4 RIGHT SIDE) EXTENSION USING 15 MS20470AD3-3 RIVETS. REIDENTIFY MODIFIED CHUTE AS 5919130-21 LEFT SIDE (-22 RIGHT SIDE).
- ⑪ APPLY A COAT OF Z-40 FIRE RETARDANT COATING TO INTERIOR SURFACES AND REMORKED SURFACES OF CONTAINER ASSEMBLY AND INTERIOR AND EXTERIOR SURFACES OF CHUTE. IF INSTALLED, MASK OFF FIRE EXTINGUISHER TUBES.
- ⑫ REIDENTIFY MODIFIED 5956509-503 CONTAINER ASSEMBLY AS FOLLOWS:

NOTE: PRIOR CONFIGURATION MAY BE
REIDENTIFIED BY ADDING QUOTED
CHANGE LETTER AFTER DASH NUMBER.

<u>OLD PART NO.</u>	<u>NEW PART NO.</u>
5956509-503	5956509-505 LEFT SIDE (-506 RIGHT SIDE)
OR	OR
5956509-501	5956509-501 "Y"
OR	OR
5956509-1	5956509-1 "Y"

- ⑬ REMOVE AND RETAIN 5224504259-320 HINGE PIN, 5133509-12 SPRING, AND 4914565-1 DOOR ASSEMBLY.
- ⑭ REMOVE 4914565-5 HINGE HALF FROM RETAINED DOOR ASSEMBLY. SCRAPE OFF ANY ADHESIVE FROM DOOR ASSEMBLY.
- ⑮ POSITION NEW 4914565-11 HINGE ASSEMBLY ON RETAINED DOOR ASSEMBLY AND DRILL TWO .193/.208-INCH DIAMETER HOLES THROUGH DOOR ASSEMBLY USING ATTACHMENT HOLES IN HINGE ASSEMBLY AS GUIDES.
- ⑯ REIDENTIFY MODIFIED 4914565-1 DOOR ASSEMBLY AS 4914565-501.
- ⑰ INSTALL MODIFIED 5920937-(ANY CONFIGURATION) CONTAINER ASSEMBLY USING RETAINED ATTACHING PARTS.

AFT LAVATORY WASTE CONTAINER - MODIFICATION

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FIGURE 2 (SHEET 1 OF 6)

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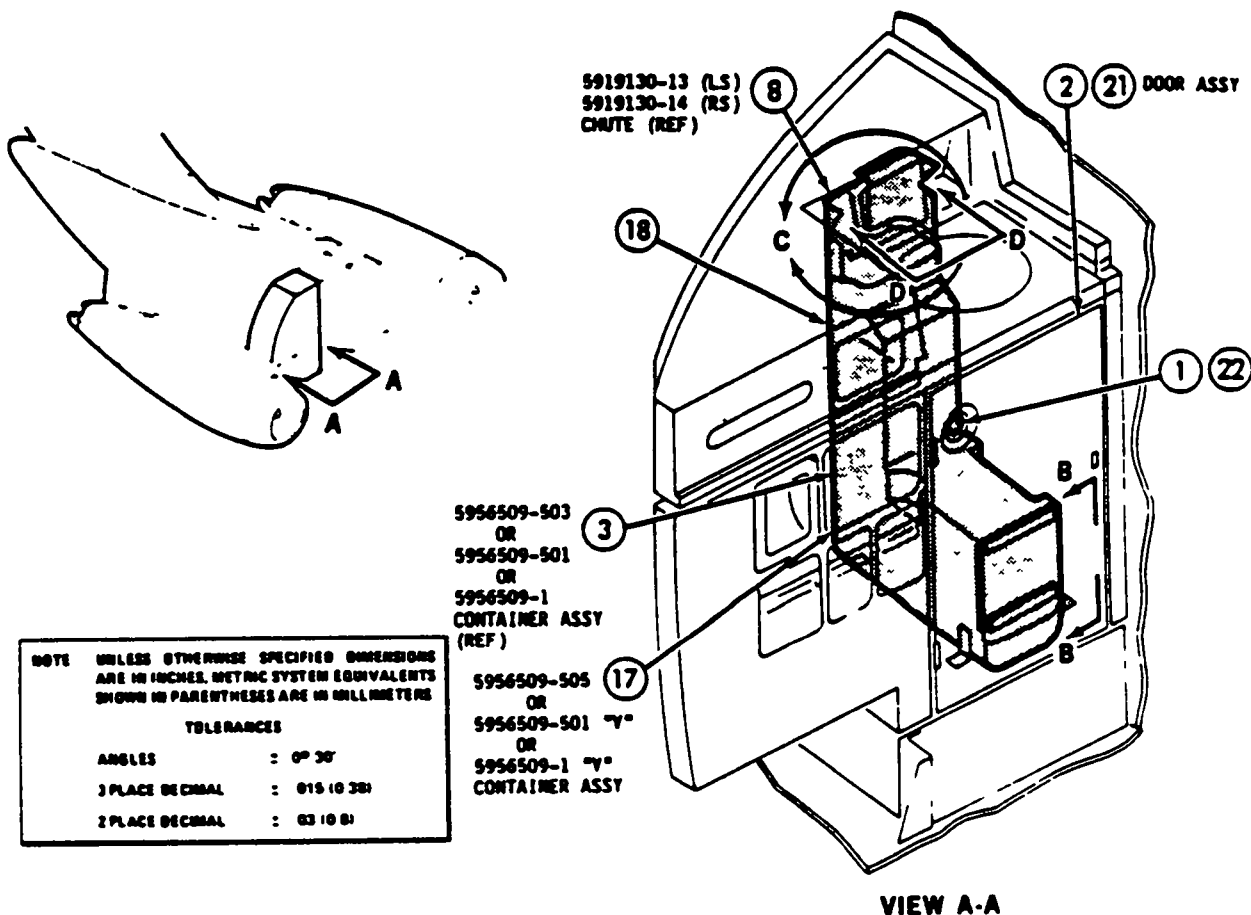
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- 18 SEAL EXPOSED INTERIOR SURFACES OF CHUTE AND THREE INCHES DOWN THROAT OF CONTAINER ASSEMBLY USING SCOTCH 425 TAPE.
- 19 INSTALL NEW 4914565-11 HINGE ASSEMBLY, RETAINED S224504259-320 HINGE PIN, AND S133509-12 SPRING ON 4914565-7 HINGE.
- 20 INSTALL MODIFIED 4914565-501 DOOR ASSEMBLY USING TWO MS27039C0806 SCREWS.
- 21 INSTALL RETAINED 5914557-(ANY CONFIGURATION) DOOR ASSEMBLY AND ATTACHING PARTS.
- 22 CONNECT FLEXIBLE HOSE TO CONDITIONED AIR OUTLET.

DETAIL OF 5919130-BF3 (LS)
5919130-BF4 (RS)
FABRICATE CHUTE FROM 6061-T6 ALUMINUM
CLAD SHEET, .020 X 2 X 21 INCHES, MATERIAL
SPECIFICATION QQ-A-250/11, TEMPER 6.

4914565-501	MS27039C0806	S133509-12
DOOR ASSY	SCREW	SPRING (REF)
	(2 PLACES)	



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FIGURE 2 (SHEET 2 OF 6)

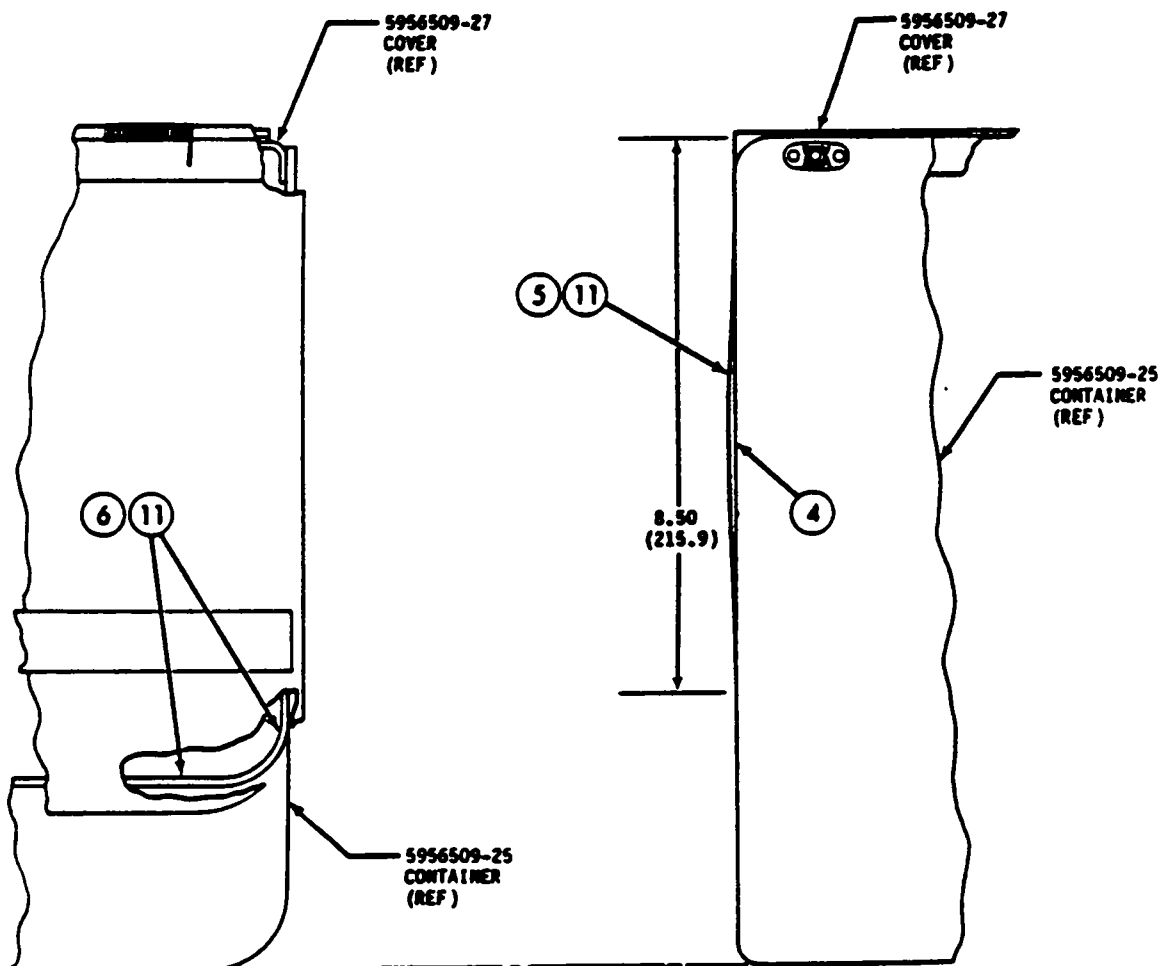
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FIGURE 2 (SHEET 3 OF 6)

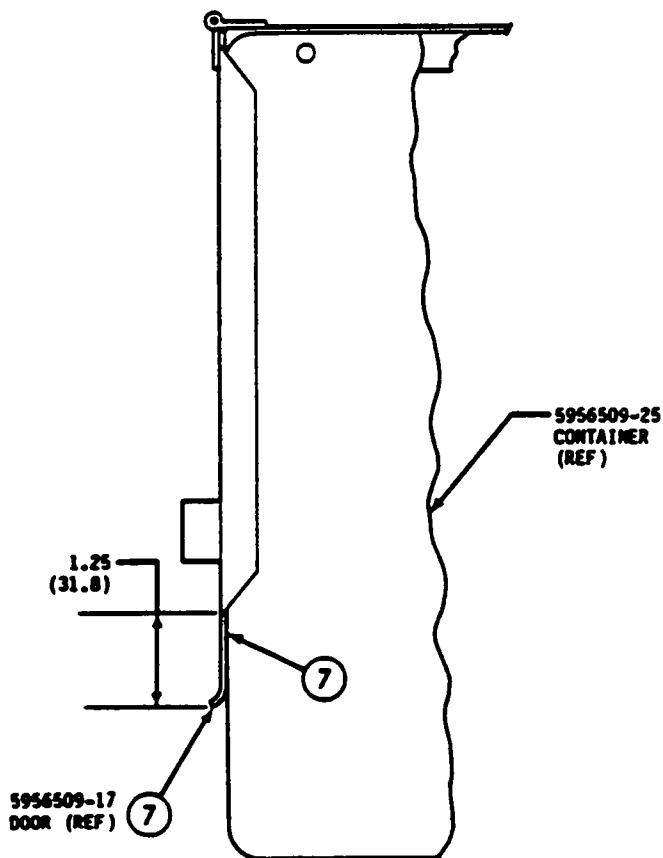
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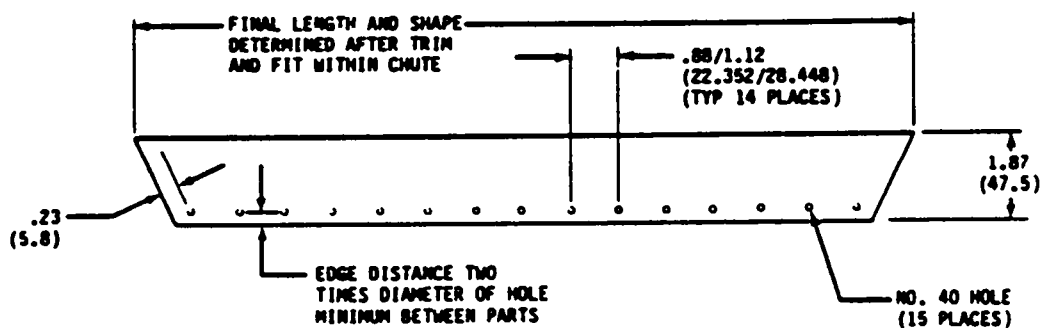
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DETAIL OF 5919130-8F3 (LS)
5919130-8F4 (RS)
FABRICATE CHUTE FROM 6061-T6 ALUMINUM
CLAD SHEET, .020 X 2 X 21 INCHES, MATERIAL
SPECIFICATION QQ-A-250/11, TEMPER 6

AFT LAVATORY WASTE CONTAINER - MODIFICATION

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FIGURE 2 (SHEET 4 OF 6)

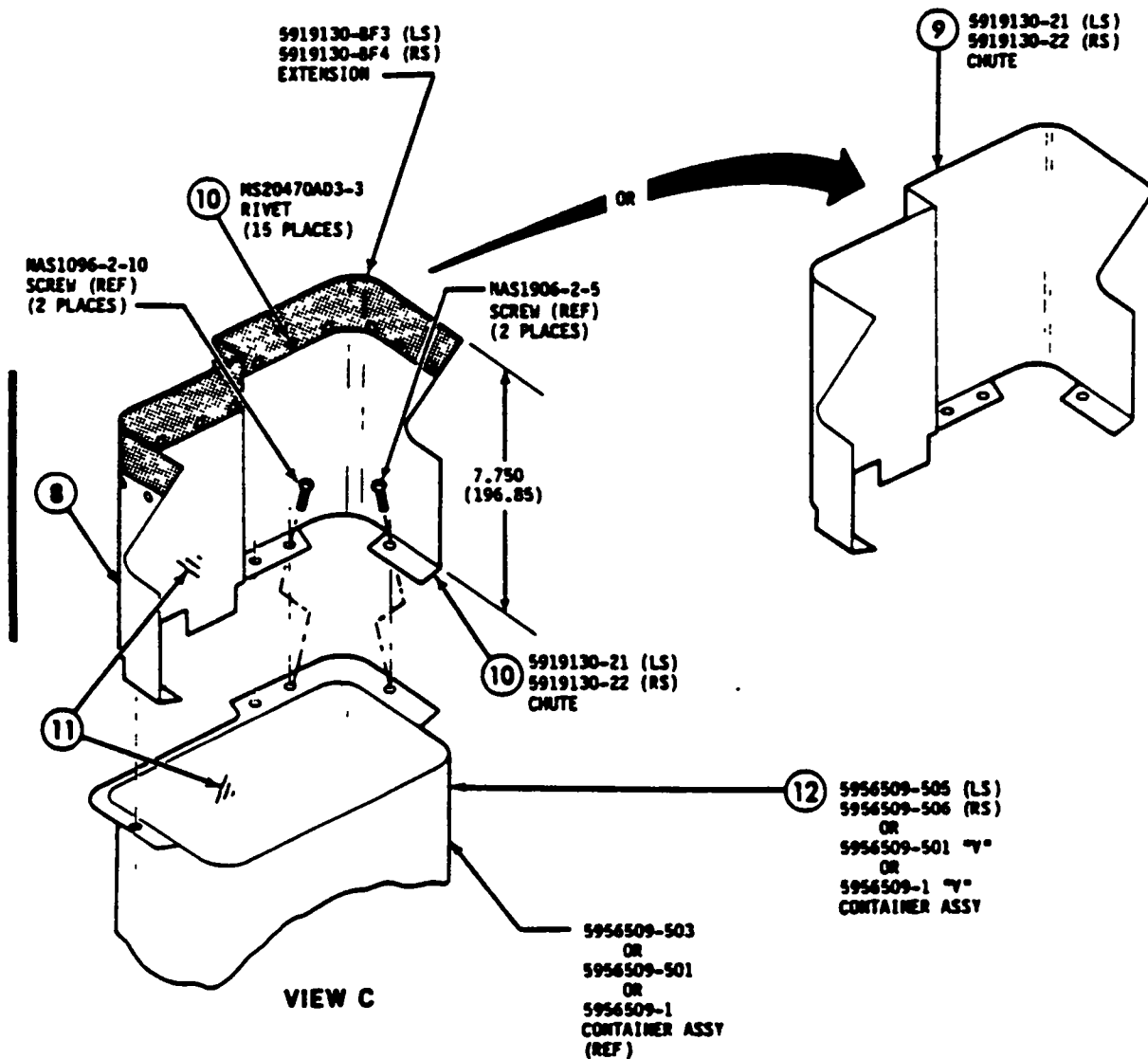
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FIGURE 2 (SHEET 5 OF 6)

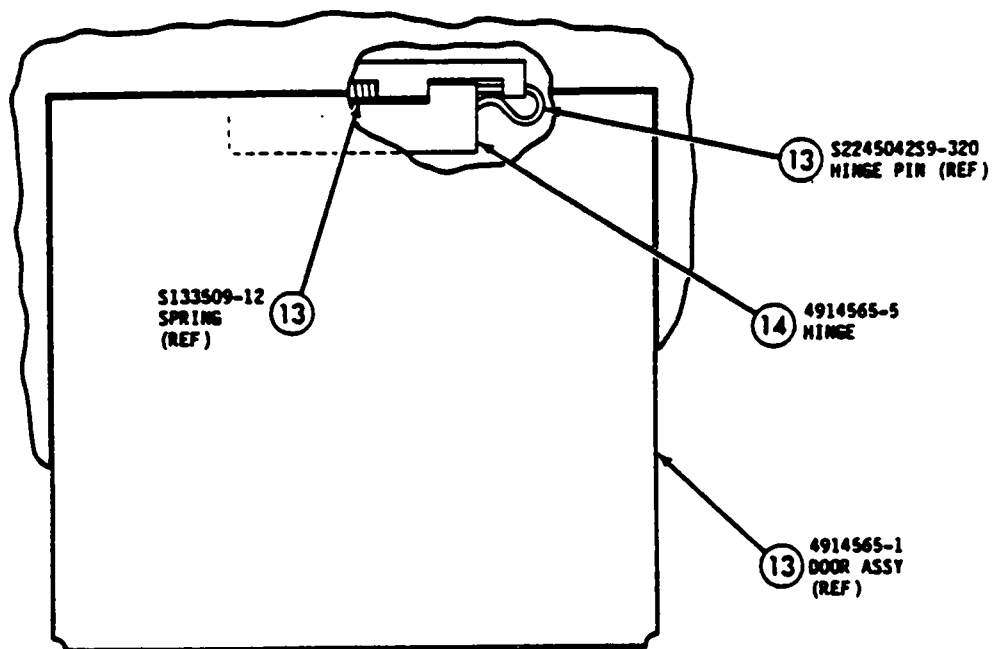
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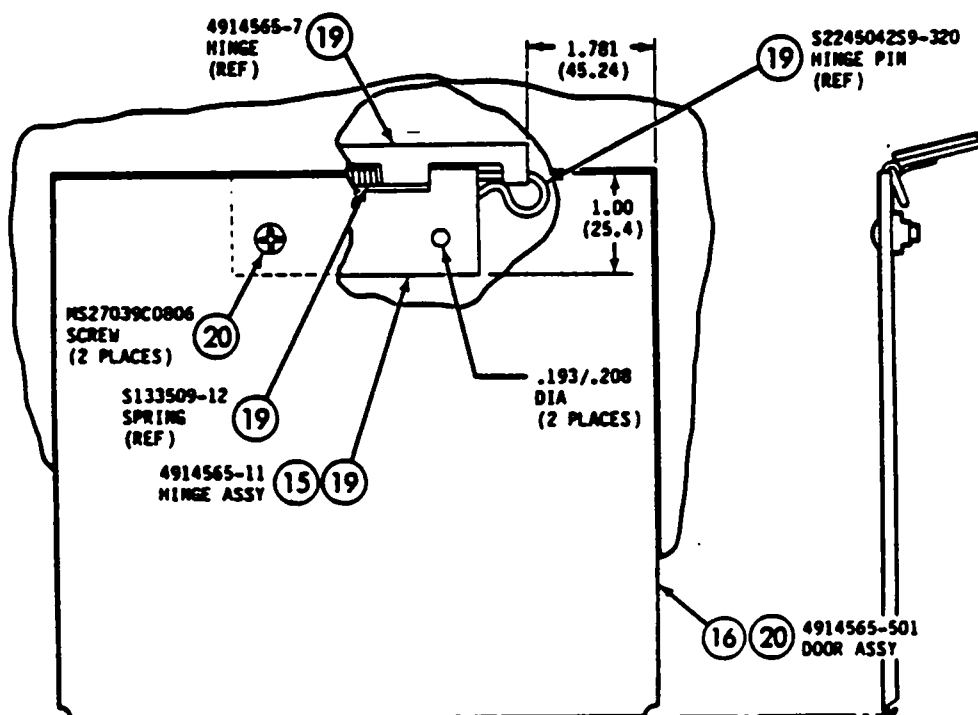
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FIGURE 2 (SHEET 6 OF 6)

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3. Material Information:

A. The basis for the following material data is per aircraft.

(1) Parts to be purchased as end item spares. Discard old parts.

<u>New Part No.</u>	<u>Qty Per Group</u>				<u>Unit Net Price</u>	<u>Key Word</u>	<u>Old Part No.</u>	<u>Instructions- Disposition</u>
	<u>I</u>	<u>II</u>	<u>III</u>	<u>IV</u>				
5919130-21		1		1	\$ 110.00	Chute (LS)	5919130-13	1/
5919130-22	1	1	1	1	110.00	Chute (RS)	5919130-14	I/

1/ At operator's option, existing 5919130-13 left side (-14 right side) chute may be modified by adding 5919130-BF3 left side (-BF4 right side) extension, as applicable, and reidentified as 5919130-21 left side (-22 right side) chute. (See Figure 2.)

(2) Parts and materials to be procured from operator's stock or source indicated.

NOTE: FSCM indicates Federal Supply Code for Manufacturers.

<u>Parts/Materials</u>	<u>Qty Per Group</u>				<u>FSCM</u>	<u>Supplier</u>
	<u>I</u>	<u>II</u>	<u>III</u>	<u>IV</u>		
MS20470AD3-3 Rivet	15	30	15	48		
MS27039C0806 Screw	2	4	4	6		
Scotch 425 Tape or Equivalent (DPM 2215)	3 Yds	5 Yds	5 Yds	8 Yds	26066	Minnesota Mining and Manufacturing Company Industrial Tape Division 3M Center St. Paul, Minnesota 55101
Z-40 Coating (Fire Retardant) or Equivalent (DPM 5164)	6 Oz	12 Oz	12 Oz	18 Oz	Not Available	Pratt and Lambert Incorporated 1405 North Batavia Orange, California 92667
4914565-11 Hinge Assy	1	2	2	3	63176	Aid International Building 100, Suite 115 Thompson, Park Drive Mars, Pennsylvania 16046

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(3) Parts to be modified and reidentified by operator.

New Part No.	Qty Per Group				Key Word	Old Part No.	Instructions- Disposition
	I	II	III	IV			
4914565-501	1	2	2	3	Door Assy	4914565-1	
5919130-21		1		1	Chute (LS)	5919130-13	2/
5919130-22	1	1	1	1	Chute (RS)	5919130-14	<u>2/</u>
5920937-505			1	1	Container	5920937-503	
or					Assembly	or	
5920937-1 "J"						5920937-1	<u>3/</u>
or						or	
5920937-501 "J"						5920937-501	<u>3/</u>
5956509-505		1		1	Container	5956509-503	
or					Assembly (LS)	or	
5956509-1 "V"						5956509-1	<u>3/</u>
or						or	
5956509-501 "V"						5956509-50	<u>3/</u>
5956509-506	1	1	1	1	Container	5956509-503	
or					Assembly (RS)	or	
5956509-1 "V"						5956509-1	<u>3/</u>
or						or	
5956509-501 "V"						5956509-501	<u>3/</u>

2/ At operator's option, existing 5919130-13 left side (-14 right side) chute may be modified by adding 5919130-BF3 left side (-BF4 right side) extension, as applicable, and reidentified as 5919130-21 left side (-22 right side) chute. (See Figure 2.)

3/ May be reidentified by adding quoted change letter after dash number.

(4) Parts to be fabricated by the operator.

NOTE: Parts to be fabricated only if operator elects to modify existing chute.

Part No.	Qty Per Group				Key Word	Instructions- Disposition
	I	II	III	IV		
5919130-BF3		1		1	Extension (LS)	4/
5919130-BF4	1	1	1	1	Extension (RS)	<u>4/</u>

4/ Fabricate from 6061-T6 aluminum clad sheet, .020 x 2 x 21 inches, Material Specification QQ-A-250/11, Temper 6. (See Figure 2.)

B. The basis for the following material data is per spares.

Modify spare 5920937-503 container assembly per this Service Bulletin. No parts are required. Reidentify modified spare container assembly as 5920937-505 left side (-506 right side) upon installation.

MS/JH
JEM/GJH

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